## **EAST Search History**

| Ref<br># | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|---|---------------------|---------|------------------|
| S1       | 1367 | 375/257.CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 10:33 |
| S2       | 11   | ((vhf or (very high frequency)) near adapter)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 10:38 |
| S3       | 2    | (reference near oscillat\$4) with (vhf<br>or (very high frequency)) with (if or<br>(intermediat\$2 frequency))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ .               | ON      | 2007/08/16 10:44 |
| S4       | 254  | (oscillat\$4) with (vhf or (very high<br>frequency)) with (if or<br>(intermediat\$2 frequency))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 11:17 |
| S5       | 1    | (oscillat\$4) with (vhf or (very high<br>frequency)) with (if or<br>(intermediat\$2 frequency)) same<br>(adapter or odu or (out near door<br>near unit))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 10:47 |
| S6       | 339  | (down near conver\$4) with (up<br>near conver\$4) same (mixer\$2 with<br>oscillat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 14:31 |
| S7       | 0    | (down near conver\$4) with (up<br>near conver\$4) same (mixer\$2 with<br>oscillat\$3) and S1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 11:19 |
| S8       | 1    | (down near conver\$4) with (up<br>near conver\$4) same (((plura\$3 or<br>chain or five or multi\$3) near<br>mixer\$2) with ((single or common)<br>near oscillat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/08/16 11:23 |

## **EAST Search History**

| <del></del> |    |  | ·   | 1   |    | ······································ |
|-------------|----|--|---|-----|----|--|
| S9          | 0. | (down near conver\$4) with (up<br>near conver\$4) same (((plura\$3 or<br>chain or number or multi\$3) near<br>mixer\$2) with ((single or common<br>or one or reference) near<br>oscillat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:25                       |
| S10         | 1  | (down near conver\$4) with (up<br>near conver\$4) same (((plura\$3 or<br>chain or number or multi\$3) near<br>mixer\$2) with (oscillat\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:27                       |
| S11         | 1  | ((down near conver\$4) with (up<br>near conver\$4)) and (((plura\$3 or<br>chain or number or multi\$3) near<br>mixer\$2) same ((single or common<br>or one or reference) near<br>oscillat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:26                       |
| S12         | 1  | ((down near conver\$4) same (up<br>near conver\$4)) and (((plura\$3 or<br>chain or number or multi\$3) near<br>mixer\$2) same ((single or common<br>or one or reference) near<br>oscillat\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:27                       |
| S13         | 24 | ((down near conver\$4) same (up<br>near conver\$4)) and (((plura\$3 or<br>chain or number or multi\$3) near<br>mixer\$2) same (oscillat\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:27                       |
| S14         | 1  | 09/507532  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 11:55                       |
| S15         | 48 | (down near conver\$4) with (up<br>near conver\$4) same (mixer\$2 with<br>oscillat\$3) and ((single or common<br>or one) near oscillat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 14:36                       |
| S16         | 48 | ((down near conver\$4) with (up<br>near conver\$4) same (mixer\$2 with<br>oscillat\$3)) and ((single or common<br>or one) near oscillat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/16 14:32                       |

## **EAST Search History**

| S17 | 35  | (down near conver\$4) with (up near conver\$4) same (mixer\$2 with oscillat\$3) and ((single or common or one) adj oscillat\$3)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 14:43 |
|-----|-----|--|---|-----|---------|------------------|
| S18 | 1   | 09/572417  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 14:44 |
| S19 | 1   | 09/573782  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 14:44 |
| S20 | 40  | (saw near filter) same (mixer with multipli\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 19:43 |
| S21 | 693 | (saw near filter) with (mixer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 19:44 |
| S22 | 85  | ((saw near filter) with mixer) and (down near conver\$4) with (up near conver\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 19:46 |
| S23 | 56  | ((saw near filter) with mixer) and (down near conver\$4) with (up near conver\$4) and (@pd<"20020710" or @ad<"20020710" or @prad<"20020710" or @rlad<"20020710") | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON<br>· | 2007/08/16 20:00 |
| S24 | 5   | 09/830015  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON      | 2007/08/16 20:00 |